



The Binnacle

Victoria Model Shipbuilding Society
Victoria BC Canada
vmss.ca



Yahoo! Newsgroup : VIRCB
Vancouver Island Radio Control Boaters

NORTH & SOUTH SAANICH AGRICULTURAL SOCIETY
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SAANICH FAIR
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MIDWAY
Ride All Day \$40

August 31 and
September 1 & 2
2013

GATES OPEN
8 am - 9 pm
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ENTRIES CLOSE
AUGUST 14, 2013

OUR 146th
YEAR!

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All you need to do is sign up for assisting at our wildly popular pond and hosting our world class display of master craftsmanship.

Contact Bill Andrews to sign up.

Victoria Model Shipbuilding Society

General Meeting – July 11, 2013

Call to order: 7:45pm

Welcome new member/guest:

Bernard Kenny
Gary Mayer

Health and Welfare:

Romain Klaasen still recovering

Financial Report:

No report

Other reports

Strawberry Festival- Too hot and too weedy

Thanks to Scott for extra work on binnacle

Upcoming events (Bill Andrews):

July 27, Sydney Air Show/Museum

August 4, Nanaimo (VMSS 35th anniversary celebration)

November 10, Remembering in Scale- Static Display, Ashton Armoury

Show and Tell:

Traditional Schooner - **Bernard Kenny**

Small tug boat given to **Frank Lohner**

Bottle boat, small boat (part of boat building project)–Junior member **Lukas**

Robot arm- **Berry Fox**

Presentation:

Jim Cox- air brush

Raffle Draw:

Dremel set- **Bill Sturrock**

50.50 – **Bill Andrews**

Adjournment: (9:15 pm)

Jim Briante



2013 Executive Committee

President: Mike Claxton	479-2258
Vice-Pres: James Cox	382-3266
Secretary: Graham Smith	477-8234
Treasurer: Mike Creasy	888-4860
Show Coordinator: B.Andrews	479-2761
Binnacle Editor: Scott Munford	382-1673
Quartermaster: Bob Rainsford	383-2256
CRD Liaison: Barry Fox	598-4619
Parks Liaison: Mike Claxton	479-6367
Sailing Director: Fred Herfst	652-8445
Librarian: Vacant	
Publicity: Ron Armstrong	385-9552
Memberships : Barry Fox	598-4619
Director@Large: Jim Briante	590-5708

All above (250) area code



Your Executive meets the last Thursday of every month!

The Victoria Model Shipbuilding Society is a non-profit club, open to all, established in 1978 under the Societies Act of B.C.

Mailing address:
106-4480 West Saanich Road
Box 55
Victoria, BC V8Z 3E9





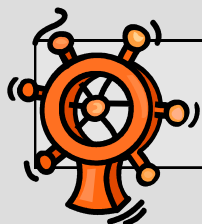
Meeting Moments





More Meeting Moments





From The Bridge

We had a great day at Harrison Pond on Sunday for our 35th Birthday Party. A wide variety of boats were on the water – from multi Springers, a few tugs and barges, sail boats (we actually had a mild breeze to keep them moving), a couple of 'go-fast' boats and submarines including the one built by Len Gibbs that Mark has been doing some maintenance on. Of course we also had our pond alligator with the crow having a ride to confuse both the public and the other crows that kept an eye on it. It was nice to see a few members come out that we haven't seen for a while along with their families and friends.

Thanks to the City Parks crew that were able to give us clean water – that was helpful, especially for a new boat builder that lost a prop just after the water was changed.

Thanks to all those that came out, to those that set up the tables, brought the food and especially the cake! We'll have to this again.

We had a busy day out at the Sidney Air Museum – the nice weather brought a large number of visitors. It would have been nice to have had a few other boats to display and entertain the public.

Three members went up to Ladysmith on Saturday and showed off the Springer fleet to the Nanaimo fellows. They had a pond setup for the Saturday-Sunday Ladysmith Days.

We are running out of topics of interest for presentations at the upcoming meetings – please give me an idea of what you'd like to see and I can see who might be available. Show and Tell has always seen a variety of models and topics. Remember there will be a draw at the end of the year for those who have participated.



ON THE RADAR

INFORMATION ON UPCOMING EVENTS

August 31st—September 2nd: Saanich Fair



Meetings: Second Thursday 7:30-9:30
St. Peter's Anglican Church, Lakehill
3939 St. Peter's Rd.
Upcoming Meetings: August 8,
September 12th, October 10th



POWER: Sundays 10 – 12
Harrison Model Yacht Pond (HMYP)
Dallas Road at Government Street



SAILING: 1st and 3rd Sundays
Beaver Lake



LANGFORD LAKE NAVY
Wednesdays 9:30
Langford Lake, Leigh Rd at Trillium

Coming up next on the horizon is the Saanich Fair – we'll have a sign-up sheet for this event at the next meeting.

I hope everyone has read last month's Binnacle – Scott put quite a cross-section of photos and history in that and it was interesting to see the functions that club members were involved in.

Remember to start work on that new build and have it ready before the year end!

See you at the pond,
Mike









THE SUB SUBJECT

(NOTE: Article originally published December 2005.)

DURING AUGUST'S MEETING, WHILE TALKING ABOUT AND SHOWING around my #1 Mark-2 torpedo, I mentioned that suggested topics for "The Sub Subject" column would receive a champagne reception. Nothing direct popped up (pun intended?) from the floor, but then Ken "Reno" Lockley wanted to know where I'd sourced all the stuff that went into building the thing. I know full well, of course, that some among you will not now or ever build a torp, but some names in the recital below may be both useful and inspirational to many V.M.S.S.ers who build targets. So here goes:

- **BATTERY DIRECT** (Victoria/Burnaby) Custom-configured 6V, 700 mAh battery packs at a 10% discount to members.
- **BURNABY HOBBIES** (Burnaby) Robbe Speed 400 motor(s), brass & copper rods & tubing, left- and right-turning brass screws (three-bladed; Dutch imports), Dubro collars, miscellaneous glues, and . . . et cetera.
- **COAST INDUSTRIAL SUPPLIES** (Victoria) "O" seals and Schrader (tire) valve(s).
- **HiTec** (Poway, CA, USA) Rubber cushioning pads (cut from a sheet.)
- **HOME HARDWARE** (Fairfield, Victoria) Stainless & galvanized Robertson-type screws & General Electric Silicone II.
- **INDUSTRIAL PLASTICS** (Victoria) Plexiglass tubing, Sintra (an expanded PVC), GE Lexan and sundry glues such as WELD. ON #16 Acrylic cement and Methylene Chloride for solvent welding both plexi and Lexan. A 10% discount to members.
- **LORDCO AUTOMOTIVE** (Victoria) Fuses, circuit breakers and male-female connectors.
- **MERIT ELECTRONICS** (Victoria) Custom battery charger and switches.
- **METAL SUPERMARKET** (Saanichton) Stainless steel shafts/ rods.
- **PRICE'S ALARM SYSTEMS** (Victoria) magnetic, two-part switches.
- **QUEALE ELECTRONICS** (Victoria) Wiring, connectors, fuses & three-pole micro switches.
- **STREBOR MOTORS** (Victoria) Craig Roberts came up with a differential for the contra-rotating drive shafts.
- **SUBTECH** (Lakewood, NJ, USA & Somerton, UK) Bulkhead seals and stuffing boxes with Neoprene lip seals.
- **TOYS 'R' US** (Victoria) Shaped foam rubber for the nosecone (cut from toy footballs).

Looks like nothing till one starts looking.



In addition to the listed suppliers of materials and components, the Mark-2 owes part of its existence to the ideas and labours of Len Gibbs, Bob Richardson (deceased), Craig Roberts and Greg Sharpe. Their ideas--albeit modified--and labours with GRP and wood as well as metal lathes were and remain considerable, and their interest in applying their skills to a model torpedo deserve a deep, elegant tip of my hat or beret. Absent them, and the Mark-2 would not by now have reached the testing stage on which the report follows.

On a warm Sunday in August, Mark-2 got her first taste of the HMYP waters. She didn't shudder or spit out the ducks' and gulls' contributions to the mélange. No, no. She floated as expected, didn't leak much, kept an even keel 'and such but. . . didn't move all that fast, or run all that straight. The contrarotating screws, at that point, were a disappointment. Over the ensuing weeks, several modifications were made to remedy the uncertainty of water (ballast) entering the bow area, and to speed her up to a more torpedo like pace--like her Mark-I predecessors.

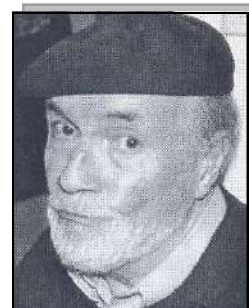
All this took time, because the batteries can only maintain 6V output for ± 3.5 minutes, and take hours to charge. No quick, pondside experiments were possible.

The freeflood uncertainty was well nigh eliminated by spraying and respraying the removable warhead's exterior with Dipt compound, and by adding a second "O" ring to the portion of the head that extends into the body. The few drops that still enter don't affect balance, and the pressure hull is fully sealed independently. No sweat. But boosting speed was an altogether totally different challenge.

First, using more lead ballast, buoyancy was reduced from $\pm 22-23\%$ to $\pm 19.5\%$. That gave the screws more water to handle. Also, the tail cone (starting at the trailing edges of the fins) was streamlined some more and lengthened by $\frac{1}{4}$ ". That further improved water flow to the six (2 x 3) screw blades. Next, it looked as if the screw first in line (turning left) was robbing the second one (turning right) of solid, not-foamed-up water. A brass $\frac{1}{4}$ " spacer was put between the hubs. Each one of those modifications raised the Mark-2's speed. Now she crosses the 85' width of the pond in 14 to 19 seconds--depending on state of battery charge--which calculates to between ± 2.65 to ± 3.61 knots an hour. That may strike one as slow, but think of size. The Mark-2 is only 28.5" long. So in those 14 to 19 seconds the length has moved some 36 times--not too shabby for any model. Think of the "speed" of ants, or that of small as opposed to bigger birds. Perception is deception.

Still, the Mark-2 is unlikely to ever go as fast as the Mark-1s. The single screw and single shaft of the latter are a more pleasant, lighter task for the same Speed 400 motor. But, hey, the Mark-2 runs good 'n' straight. Veered only 4-5" to port over 85'. A spectator remarked that that's better than some riflemen shoot.

Romanus Unicum





Sidney Air Museum Open House



Pictures supplied by Mike Claxton & Bill Andrews

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How would you like to win \$200
cash
& a free membership?

Every member who brings an item for "**Show & Tell**" will get an entry into the draw. Bring an item every meeting and you can have 12 entries in it. At the end of the year, one lucky name will be drawn.

So dust off your projects, tips & ideas and bring them along.

HERITAGE HOUSE



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**Contributions to the Binnacle are
welcomed.**

Deadline for submissions: **Sunday
before the monthly meeting.**

Editor: newsletter@vmss.ca



During the month of July, VMSS lost one current member, **David Denton**, and one former member, **Earl Kimmerly**. Our condolences go out to both friends & family of these men.

KIMMERLY, Earl Wyllie June 23, 1922 - July 21, 2013 Earl died peacefully at home, aged 91. He is survived by Dorothy, his wife of 68 years, eight children, 17 grandchildren, and 12 great-grandchildren. He was born in Montreal and served in the Royal Canadian Navy his entire career, joining during World War II. Earl and Dorothy lived in Victoria for many years and recently moved to Nanaimo to be closer to family. The family wishes to express its profound gratitude to all the staff at Origin at Longwood in Nanaimo for not only making it possible for Earl to die at home, but for their genuine, heartfelt care. More particularly, we wish to thank the nursing staff whom Earl came to refer to as angels.

February 14, 1942 July 10, 2013

David died peacefully at home July 10. Survived by his wife Marion, daughter Carol (Richard), sons Dan (Elaine), Andy and granddaughter Eileen. Predeceased by son Allan in 1972 and sister Eileen in 1990. He was dedicated husband, father and grandfather and loved his all his nieces and nephews greatly. He loved the Scouting movement, skin and scuba diving and especially model boats. Service to be held at First Metropolitan United Church on July 21, 2pm. In lieu of flowers, donations to the ALS society Many thanks to the dedicated friends who have been such a great support over the past seven months.

(obituaries taken from Times Colonist website)